

01/09-2007 15:08

KENNAMETAL INC

724 539 5903 P.03/04

Complete and send this form, together with applicable fee(s), to: MailMail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

27877

7590

10/19/2006

KENNAMETAL INC.  
P.O. BOX 231  
1600 TECHNOLOGY WAY  
LATROBE, PA 15650

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Larry R. Meenan (Depositor's name)  
*[Signature]* (Signature)  
January 9, 2007 (Date)

01/10/2007 RMEBRAH1 00000030 502867 10759478

01 FC:1501 1400.00 DA  
02 FC:1504 300.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759,478	01/16/2004	Hans-Wilm Heinrich	KH-1794	7579

TITLE OF INVENTION: FINE GRAINED SINTERED CEMENTED CARBIDE, PROCESS FOR MANUFACTURING AND USE THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	01/19/2007
EXAMINER	ART UNIT	CLASS-SUBCLASS				
MAI, NGOCLAN THI	1742	075-236000				

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Larry R. Meenan

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Kennametal Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Latrobe, PA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 502867 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*[Signature]*Date January 9, 2007

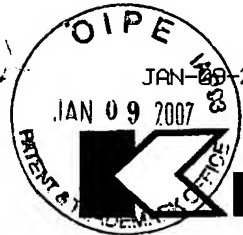
Typed or printed name

Larry R. Meenan

Registration No. 33,423

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



JAN 09 2007 15:07

KENNAMETAL INC

724 539 5903 P.01/04

**KENNAMETAL®****FAX**

**Date:** January 9, 2007  
**To:** Mail Stop Issue Fee, Commissioner for Patents,  
P. O. Box 1450, Alexandria, VA 22313-1450  
Examiner Ngoclan Thi Mai  
Group Art Unit 1742, Confirmation No. 7579  
**Fax:** 571.273.2885

**Pages:** 1 of 4  
**From:** Larry R. Meenan  
Senior Patent Counsel  
**E-mail:** larry.meenan@kennametal.com  
**Phone:** 724.539.5485  
**Fax:** 724.539.5903

**Your File:** 10/759,478 Filed January 16, 2004  
**Re:** Payment of Issue Fee

**Our File:** KH-1794

**Original Will:** ☒ Not Be Sent ☐ Be Sent ☐ With Enclosures ☐ Without Enclosures

Attached are the Fee(s) Transmittal of Payment of Issue Fee (Large Entity); Fee(s) Transmittal PTOL-85 (in duplicate) in Response to the Notice of Allowance and Issue Fee Due mailed October 19, 2006, in re application of Hans-Wilm Heinrich et al., Serial No. 10/759,478, filed January 16, 2004, for "Fine Grained Sintered Cemented Carbide, Process for Manufacturing and Use Thereof" Confirmation No. 7579, Group Art Unit 1742, Examiner Ngoclan Thi Mai.

  
Larry R. Meenan, Reg. No. 33,423

This message is intended only for the use of the individual to whom, or entity to which, it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone (collect), and return the original message to us at the address below via the U.S. Postal Service. Thank you.

Kennametal Inc. / World Headquarters / 1600 Technology Way / P. O. Box 231 / Latrobe, PA 15650-0231, USA

**TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)**  
**(37 C.F.R. 1.311)**

Docket No.

KH-1794

Applicant(s): **Hans-Wilm Heinrich et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/759,478	January 16, 2004	Ngoclan Thi Mai	27877	1742	7579

Invention: **Fine Grained Sintered Cemented Carbide, Process for Manufacturing and Use Thereof****Mail Stop Issue Fee**  
**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00 ☐ Design Fee: \_\_\_\_\_ ☐ Plant Fee: \_\_\_\_\_
- ☒ Publication Fee: \$ 300.00
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 502867 as described below.
- ☒ Charge the amount of \$1,700.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**  
SignatureDated: January 9, 2007

Larry R. Meenan  
Reg. No. 33,423  
Kennametal Inc.  
1600 Technology Way  
P. O. Box 231  
Latrobe, PA 15650-0231  
Ph: 724-539-5485  
Fax: 724-539-5903

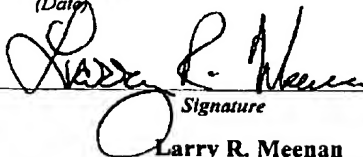
CC:

**Certificate of Transmission by Facsimile**  
This certificate may only be used if paying  
by deposit account.

I certify that this document and authorization to charge deposit  
account is being facsimile transmitted to the United States  
and Trademark Office (Fax No. 571-273-2885)  
on

January 9, 2007

(Date)

  
Signature

Larry R. Meenan

Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

I hereby certify that this correspondence is being deposited  
with the United States Postal Service with sufficient postage as  
first class mail in an envelope addressed to "Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR  
1.8(a)] on

(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence